

ABSTRACT

Disclosed is a method for modifying the surface properties of a silicone or siloxane-based polymer or copolymer substrate comprising, (1) exposing the surface to a basic aqueous resolution comprising a substance capable of graft-polymerization with the silicone or siloxane-based polymer or copolymer substrate, the aqueous solution having a pH above about 8.0, the exposure to the basic aqueous solution being for a time sufficient to enhance the graft-polymerization and (2) subjecting the surface and basic solution to conditions whereby the polymerizable substance is polymerized to form a graft-polymerized coating on the surface. Also disclosed are compositions of matter prepared by the above-described process as well as articles manufactured therefrom.